JUN 08 2006



5775 Morehouse Drive San Diego, CA 92121 Fax: (858) 658-2502

Facsimile Transmittal

DATE:

June 8, 2006

TO:

Commissioner for Patents

ATTN:

Examiner: Lawrence B. Williams

Art Unit: 2611

FAX NUMBER: (571) 273-8300

FROM:

Dmitry R. Milikovsky, Reg. No. 41,999, Attorney for Applicant

Direct Telephone No. (858) 845-0130

(including this transmittal cover sheet) Total Number of Pages Sent: 18

FILING BY FACSIMILE:

ATTORNEY DOCKET NO.: 020613

ENCLOSED ARE:

1. Amendment Transmittal (1 page, in duplicate) 2. Terminal Disclaimer (3 pages, in duplicate)

3. Amendment (9 pages)

APPLICANT: Ketchum et al.

ASSIGNEE: QUALCOMM Incorporated

SERIAL NO.:10/693,171 FILED: October 23, 2003

FOR: CHANNEL ESTIMATION AND SPATIAL PROCESSING FOR TDD MIMO SYSTEMS

Please contact Kate Lane at (858) 658-2047 if all pages do not transmit.

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U.S. Department of Commerce Patent and Trademark Office PATENT

AMENDMENT TRANSMITTAL FORM

Mail Stop Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Customer No.: 23696

Attorney Docket No.: 020613

In Re Application of: Ketchum et al.

Serial Number: 10/693,171 Filed: October 23, 2003

Examiner: Lawrence B. Williams

Group Art Unit: 2611

Dear Sir:

Transmitted herewith for filing is a Response to Office Action in the above identified application.

SION FEES TERMINAL I a is less than 20, e a is less than 3, e amount of \$ posit Account er is hereby at	DISCLAIMER onter 0 in column c. nter 0 in column c. is enclosed to pay: No. 17-0026 of Q	OVER COMMITTEE	x \$50 = x \$200 = \$360 \$120 \$450 \$1020 \$130 TOTAL FEE For extension fees, additional fees that may be additional fees that may be	\$0 \$0 \$0 \$0 \$0 \$0 \$130 \$130.00
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ner is further h	ereby authorized to	o charge to same	are of this sheet is enclosed Deposit Account No. 17-00 only due or payable, as set ion without specific addition	forth in 37 CFR 1.10
orated ent c 92121-1714	•	Signature:	Dmiry R. Milikovsky, R (858) 845-0130	
3) 658 -2 502				
3	orated ent e 92121-1714 s) 658-5787 s) 658-2502	orated ent e 92121-1714 e) 658-5787 e) 658-2502	Signature: orated ent e 92121-1714 e) 658-5787 e) 658-2502	Signature: Dmirry R. Milikovsky, R. (858) 845-0130 ent c 92121-1714

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Date: June 8, 2006	

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AMENDMENT TRANSMITTAL FORM

Customer No.: 23696 Attorney Docket No.: 020613 In Re Application of: Ketchum et al.

JUN 08 2006

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Perial Number: 10/693,171 Filed: October 23, 2003

Examiner: Lawrence B. Williams

Group Art Unit: 2611

Dear Sir:

Transmitted herewith for filing is a Response to Office Action in the above identified application.

CLAIMS	(a) Number Remaining After Amendment	(b) Highest Number Previously Paid For	(c) Extra Claims	Large Entity Fee	Fee Paid
Total*	24	59	0	x \$50 =	\$0
Independent**	4	15	0	x \$200 =	\$0
Multiple Dependent Claim(s): Yes No				\$360	\$0
One Month			\$120	\$0	
D10121401014		o Months	\$450	\$0	
		ree Months	\$1020	\$0	
TERMINAL DISCLAIMER				\$130	\$130
*If the number in column a is less than 20, enter 0 in column c. **If the number in column a is less than 3, enter 0 in column c.			TOTAL FEE	\$130.00	

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5. Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$130.00 The Commissioner is hereby authorized to charge payment of any additional fees that may be required, or credit any overpayment to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.

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Signature: Date: June 8, 2006 Dmitry R. Milikovsky, Reg. No. 41,999 (858) 845-0130

QUALCOMM Incorporated Attn: Patent Department 5775 Morchouse Drive

San Diego, California 92121-1714 (858) 658-5787 Telephone: (858) 658-2502 Facsimile:

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Depositor's Name:(type or print name)	Signature: KU+Q Jeel
Date: June 8, 2006	

(TRANSAMD.VER1.13-04/30/04)